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Transfer of Sound using Li-Fi Technology

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Abstract: *Li-Fi technology, which utilizes light to transmit data, has been gaining attention in recent years. This paper explores the innovative application of Li-Fi technology in transferring sound, revolutionizing the way we experience audio. By harnessing the power of light, we can transmit sound waves wirelessly, offering a more efficient, secure, and immersive experience. In this abstract, we present a novel approach to sound transfer using Li-Fi technology, enabling the transmission of high-quality audio signals through light. Our system utilizes a light source, photodetector, and signal processing unit to convert sound waves into light signals and vice versa.*

Keywords: Audio Signals, Radio frequency, Li-Fi technology, LED, Light transfer, Transmitters, Internet, spectrum, Wi-fi Technology, Electrical signals, Data Transfer, Wireless communication, Modulation Techniques

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